CES Certified Environmental Services, Inc.

455-11

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REMEDIAL SOIL EXCAVATION CLOSURE REPORT

SENECA ARMY DEPOT
BUILDING 117
5786 ROUTE 96
ROMULUS, NEW YORK, 14841

NYSDEC SPILL ID #99-70632

Certified Environmental Services, Inc.

REMEDIAL SOIL EXCAVATION CLOSURE REPORT

SENECA ARMY DEPOT
BUILDING 117
5786 ROUTE 96
ROMULUS, NEW YORK, 14841

NYSDEC SPILL ID #99-70632

Prepared For:
Paragon Environmental Construction, Inc.
8141 Route 11
Cicero, New York 13039

Prepared By:
Certified Environmental Services, Inc.
1401 Erie Boulevard East
Syracuse, New York 13210

May 27, 2003

CES *Certified Environmental Services, Inc.*

REMEDIAL SOIL EXCAVATION CLOSURE REPORT

SENECA ARMY DEPOT
BUILDING 117
5786 ROUTE 96
ROMULUS, NEW YORK, 14841

TABLE OF CONTENTS

APPENDICES

1.0 INTRODUCTION

The following Remedial Soil Excavation Closure Report summarizes the petroleum impacted soil removal activities and provides a brief discussion regarding the environmental conditions at the Seneca Army Depot, Building 117 Excavation Project located at 5786 Route 96, Romulus, New York. The remedial excavation activities outlined in this report were completed on March 24 and March 25, 2003, by another company at the direction of Certified Environmental Services, Inc. (CES). These efforts are the culmination of previous UST remediation activities conducted during the fall of 1999 by Environmental Products and Services. As a result of the UST activities- Spill Number 99-70632 was assigned to the site. The following provides a brief history of the March 2003 remedial efforts for the site.

Following the excavation and removal of one underground storage tank (UST) and the associated petroleum contaminated soil at the above referenced site in the fall of 1999, endpoint samples indicated that petroleum impacted soil remained in the subsurface. In an effort to properly remediate the site, the original site was re-excavated in an effort to determine the extent of the subsurface contamination. The results of the re-excavation revealed the presence of petroleum-contaminated soil at the site

The site remediation project involved the identification, excavation and staging of approximately 135 cubic yards of petroleum contaminated soil formerly located along the south and southwest side of Building 117. A site map illustrating the approximate location of the resulting excavation is provided as **Figure 1** in Appendix A.

2.0 SCOPE OF WORK

Op-Tech of Syracuse provided the equipment, labor and materials to perform the earthwork associated with the removal of the non-petroleum impacted overburden materials to access the petroleum contaminated soil. Upon completion of the excavation activities, the overburden material was temporarily stockpiled on-site for re-use as backfill and approximately 135 cubic yards of the contaminated soil was temporarily stockpiled on plastic sheeting.

Certified Environmental Services, Inc. (CES), was retained by Paragon Environmental Construction to assist with the delineation of the petroleum-contaminated soil, conduct post-

excavation soil sampling and laboratory analyses, and prepare this closure report for submittal. CES personnel provided documentation of the field activities and technical support throughout the remedial March 2003 excavation project.

The scope of the field activities included screening the excavated soil for total volatile organic vapor concentrations utilizing a PID meter as well as for petroleum related nuisance characteristic odors and sheen. Once the excavation activities were completed, CES personnel collected soil samples in general accordance with the NYSDEC Soil Technology And Remediation Series Memo #1 -Petroleum Contaminated Soil Guidance Policy (STARS) and submitted them to CES's NYSDOH approved laboratory (Environmental Laboratory Approval Program #11246) for analyses. The analytical results were compared to the guidance/threshold values outlined in the NYSDEC Division of Spills Management STARS policy as well as in the NYSDEC Division of Environmental Remediation - Technical and Administrative Guidance Memorandum 4046 - Determination of Soil Cleanup Objectives and Cleanup Levels (TAGM) for petroleum (e.g., gasoline and fuel oil) contaminated soil.

3.0 FIELD PID SOIL SCREENING AND SAMPLING

Field screening of the excavated soil was conducted by CES personnel by employing procedures recognized by the NYSDEC and outlined within the STARS policy. These procedures involved using a photoionization detection (PID) meter to evaluate the total concentration of volatile organic vapors. Soil which exhibited concentrations greater than 5 ppm through head-space analyses were considered petroleum contaminated and designated for removal. In addition, soil which exhibited petroleum related nuisance characteristics were also designated for removal. These soils are identified by petroleum odors and/or visually recognized by producing a petroleum sheen upon water.

The excavation was advanced to the top of the bedrock which was encountered at depths ranging from approximately five (5) feet to six (6) feet below grade. Through on-site field screening and visual observations, it was determined that the petroleum impacts that were present in the subsurface were most likely the result of a leaking 275 gallon above ground kerosine tank that was previously removed in the mid 1990's.

Upon completion of the excavation activities, the soil along each of the remaining excavation sidewalls as well as the bottom did not produce head-space PID readings above 5 ppm, with the exception of an inaccessible area approximately ten (10') feet east of the southwest corner of Building 117, at a depth of approximately five (5') feet. The soil in this area produced PID readings ranging from 150 ppm to 175 ppm . It was not possible to remove this soil without compromising the building structure.

As a result of the field soil screening process, and a March 25, 2003 telephone conversation between Mr. Tom Grasek (Seneca Army Depot) and Mr. Scott Rodebaugh (NYSDEC), the endpoint composite soil samples were collected in the following manner. One soil sample from each side wall (except the north wall, which had two samples collected) and floor of the excavation, as well as a separate sample representative of the impacted area that could not be excavated, were properly collected and transported to CES's laboratory in Syracuse, N.Y..

4.0 LABORATORY ANALYSES OF SOIL SAMPLES

As a result of the sampling activities, a total of seven (7) composite soil samples were submitted to the laboratory for analyses in accordance with NYSDEC STARS guidelines. The composite excavation soil samples were collected from the north wall (west), north wall (middle), north wall (east), the east wall, the south wall, the west wall and the bottom. Each composite sample was submitted for total petroleum related volatile organic compound (VOC) analyses in accordance with United States Environmental Protection Agency (USEPA) Method 8021and semi-volatile organic compound (SVOC) analyses in accordance with USEPA Method 8270.

A separate representative soil pile sample was collected and submitted to CES's laboratory for waste characterization analysis.

5.0 LABORATORY ANALYTICAL RESULTS

The laboratory results for the analyses conducted on each composite soil sample revealed the following information. The north wall-west and the north wall-east did not reveal detectable VOC's or SVOC's above guidance values. The east wall and the south wall samples indicated SVOC,s minimally above guidance values. The north wall middle section sample revealed SVOC's up to 3,350 ug/kg (fluoranthene). The west wall sample revealed SVOC's up to 10,900 ug/kg (fluoranthene). The bottom sample indicated VOC's present and SVOC's present up to 12,100 ug/kg (fluoranthene). (See Appendix 2 table 1 for summary of analytical data.)

Certified Environmental Services, Inc.

APPENDIX A

SITE MAP

SENECA ARMY DEPOT
BUILDING 117
5786 ROUTE 96
ROMULUS, NEW YORK, 14841

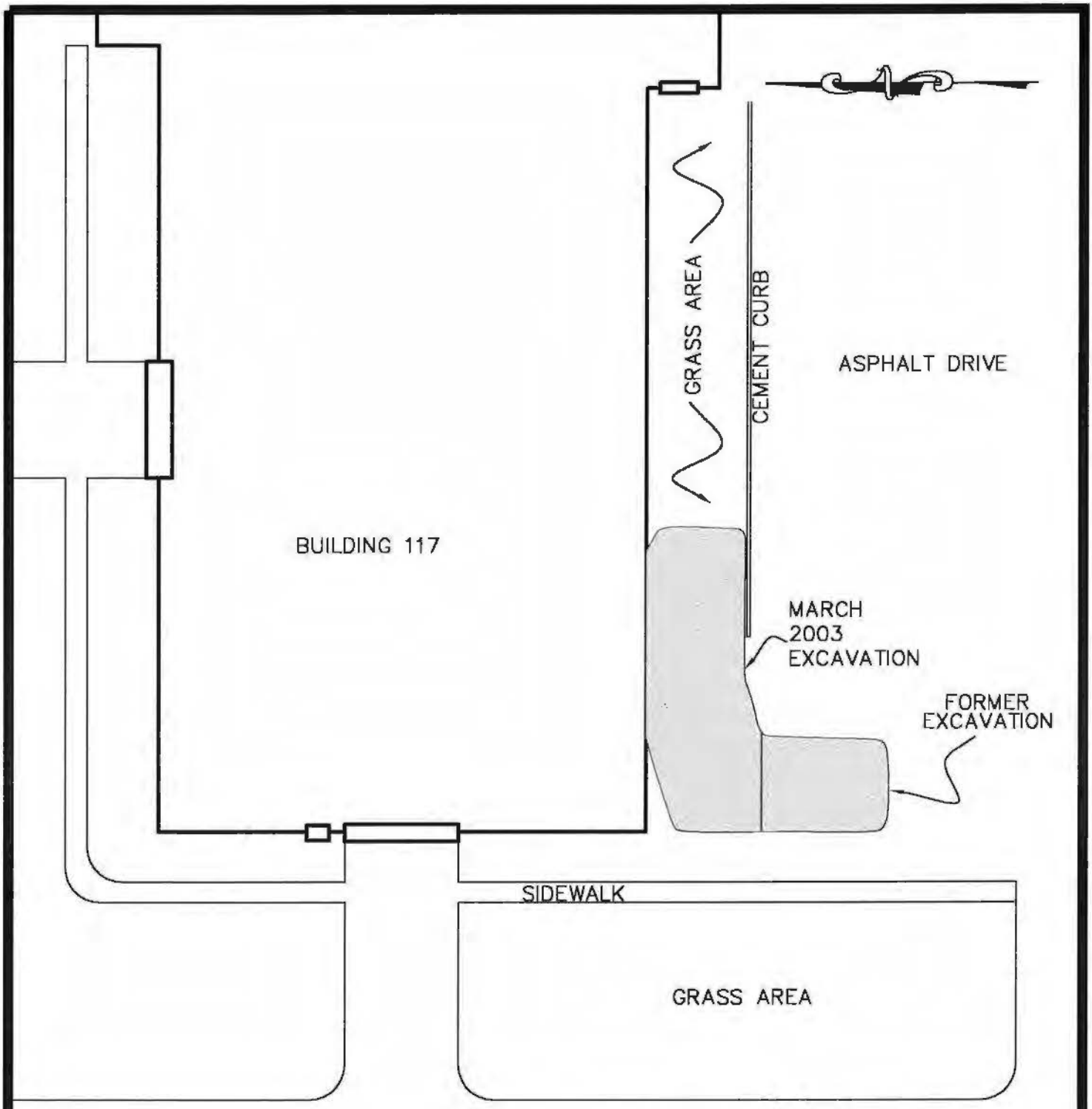

FIGURE 1	APPROX. SCALE: 1"=20'	DATE: 03/25/03

SITE MAP

Paragon Environmental Construction
Seneca Army Depot – Bldg 117
Geneva, New York

CES Certified Environmental Services, Inc.

Certified Environmental Services, Inc.

APPENDIX B

Summary of Soil Analytical Data

SENECA ARMY DEPOT
BUILDING 117
5786 ROUTE 96
ROMULUS, NEW YORK, 14841

CES Certified Environmental Services, Inc.

Seneca Army Depot
Building 117

Romulus, New York

Table 1 - Summary of Soil Analytical Data

Method 8021 (STARS)	NYSDEC TAGM Recom. Soil Cleanup Objective (ug/Kg)	NYSDEC STARS TCLP Alternative Guidance Values (ug/Kg)	N.wall/W Grab 03/25/03 (ug/Kg)	N.wall/E Grab 03/25/03 (ug/Kg)	N.wall/M Grab 03/25/03 (ug/Kg)	East wall Grab 03/25/03 (ug/Kg)	South wall Grab 03/25/03 (ug/Kg)	West wall Grab 03/25/03 (ug/Kg)	Bottom/E Grab 03/25/03 (ug/Kg)
Benzene	60 (24[a])	14	< 14	< 14	< 500	< 14	< 14	< 14	< 14
Toluene	1,500 (600[a])	100	< 50	< 50	< 500	< 50	< 50	< 50	**76**
Ethylbenzene	5,500 (2,200[a])	100	< 50	< 50	< 500	< 50	< 50	< 50	< 50
M-Xylene & P-Xylene	1,200 (480[a])	100	< 50	< 50	< 500	< 50	< 50	< 50	**116**
O-Xylene	1,200 (480[a])	100	< 50	< 50	< 500	< 50	< 50	< 50	**51**
Isopropylbenzene	2,300 (920[a])	100	< 50	< 50	<1000	< 50	< 50	< 50	< 50
N-Propylbenzene	3,700 (1,480[a])	100	< 50	< 50	<1000	< 50	< 50	< 50	< 50
1,3,5-Trimethylbenzene	3,300 (1,320[a])	100	< 50	< 50	<1000	< 50	< 50	< 50	**65**
tert-Butylbenzene	10,000 (4,000[a])	100	< 50	< 50	<1000	< 50	< 50	< 50	< 50
1,2,4-Trimethylbenzene	10,000 (4,000[a])	100	< 50	< 50	<1000	< 50	< 50	< 50	**80**
Sec-Butylbenzene	10,000 (4,000[a])	100	< 50	< 50	<1000	< 50	< 50	< 50	< 50
P-Isopropyltoluene	10,000 (4,000[a])	100	< 50	< 50	<1000	< 50	< 50	< 50	< 50
N-Butylbenzene	10,000 (4,000[a])	100	< 50	< 50	<1000	< 50	< 50	< 50	**147**
Naphthalene	13,000 (5,200[a])	200	< 200	< 200	< 2500	< 200	< 200	< 200	< 200
Methyl-t-Butyl Ether	120 (48[a])	200	< 120	< 120	< 2500	< 120	< 120	< 120	< 120
Total VOC Concentrations			ND	ND	ND	ND	ND	ND	**535**
Method 8270									
Naphthalene	13,000 (5,200[a])	200	< 200	< 200	< 1000	< 200	< 200	< 400	< 400
Acenaphthylene	41,000 (16,400[a])	NA	< 200	< 200	< 1000	< 200	< 200	**1,090**	**1,660**
Acenaphthene	50,000 (20,000[a])	400	< 200	< 200	< 1000	< 200	< 200	< 400	< 400
Fluorene	50,000 (20,000[a])	1,000	< 200	< 200	< 1000	< 200	< 200	< 400	< 400
Phenanthrene	50,000 (20,000[a])	1,000	< 200	< 200	< 1000	**620**	**210**	**4,650**	**3,100**
Anthracene	50,000 (20,000[a])	1,000	< 200	< 200	< 1000	**205**	< 200	**2,560**	**2,100**
Fluoranthene	50,000 (20,000[a])	1,000	< 200	< 200	**3,300**	**650**	**510**	**10,900**	**12,100**
Pyrene	50,000 (20,000[a])	1,000	< 200	< 200	**3,350**	**515**	**378**	**9,350**	**10,900**
Benzo(a)Anthracene	224 (89.6[a])	0.04[b]	< 200	< 200	**2,365**	**265**	**246**	**6,650**	**7,650**
Chrysene	400 (160[a])	0.04[b]	< 200	< 200	**2,340**	**243**	**260**	**5,850**	**7,050**
Benzo(b)Fluoranthene	1,100 (440[a])	0.04[b]	< 200	< 200	**2,470**	< 200	< 200	**6,000**	**8,750**
Benzo(k)Fluoranthene	1,100 (440a)	0.04[b]	< 200	< 200	**2,215**	< 200	< 200	**3,860**	**4,330**
Benzo(a)Pyrene	61 (24.4[a])	0.04[b]	< 200	< 200	**3,350**	**212**	**272**	**6,550**	**4,350**
Indeno(1,2,3-cd)Pyrene	3,200 (1,280[a])	0.04[b]	< 200	< 200	**1,750**	< 200	< 200	**3,160**	**4,000**
Dibenzo(a,h)Anthracene	14.3 (5.6[a])	1,000	< 200	< 200	< 1000	< 200	< 200	**1,640**	**2,100**
Benzo(ghi)Perylene	50,000 (20,000a)	0.04[b]	< 200	< 200	**1,560**	< 200	< 200	**2,850**	**3,470**
Total SVOC Concentrations			ND	ND	**22,700**	**2,710**	**1,876**	**65,110**	**71,560**

NA = Not Available
ND = Not Detectable
NC = Not Conducted
Total = NYSDEC STARS TCLP Alternative
* = Exceeds NYSDEC STARS TCLP Alternative Guidance Values
** = Exceeds NYSDEC STARS TCLP Extraction Guidance Values
T = Exceeds NYSDEC TAGM Recommended Soil Cleanup Objectives
([a]) = NYSDEC TAGM 4046 Recommended Soil Cleanup Objective value for Protection of Groundwater based upon dilution attenuation factor of 40% for soils at or within 3 to 5 feet of groundwater
([b]) = Due to high detection limits for soild matrix, the TCLP extraction method is recommended to demonstrate groundwater quality protection for these compounds under NYSDEC STARS. However, TAGM 4046 does not currently require TCLP anlayses, only compliance with Recommeded Soil Cleanup Objectives or MDL.

Certified Environmental Services, Inc.

APPENDIX C

Laboratory Report of Analyses and Sampling Chain-of-Custody Sheets

SENECA ARMY DEPOT
BUILDING 117
5786 ROUTE 96
ROMULUS, NEW YORK, 14841

Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Paragon Environmental Constr.
P. O. Box 11157
Syracuse, NY 13218-
Attn: Mr. Peter P. Paragon

PROJECT NAME: Seneca Army Depot/Soil Excav.
DATE: 04/25/2003

SAMPLE NUMBER- 315928 SAMPLE ID- North Wall - West Half SAMPLE MATRIX- SO
DATE SAMPLED- 03/25/03 TIME SAMPLED- 1115
DATE RECEIVED- 03/26/03 SAMPLER- Kevin R. Rowe RECEIVED BY- rlp
TIME RECEIVED- 1700 DELIVERED BY- Kevin R. Rowe TYPE SAMPLE- Composite

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Percent Solids	EPA 160.3			03/31/03		MM	87.	%
EPA 8021 Stars	EPA 8021	03/31/03	LRE	03/31/03		BLD		
Benzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 14	ug/Kg
Toluene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
Ethylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
m-Xylene & p-Xylene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
o-Xylene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
Isopropylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
n-Propylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
1,3,5-Trimethylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
tert-Butylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
1,2,4-Trimethylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
sec-Butylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
p-Isopropyltoluene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
n-Butylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
Naphthalene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 200	ug/Kg
Methyl-t-Butyl Ether	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 120	ug/Kg
EPA 8270 PAH's	EPA 8270C	03/27/03	MD	04/09/03		AO		
Naphthalene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Acenaphthylene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Acenaphthene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg

Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

CONTINUATION OF DATA FOR SAMPLE NUMBER 315928

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Fluorene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Phenanthrene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Anthracene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Fluoranthene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Pyrene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Benzo(a)Anthracene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Chrysene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Benzo(b)Fluoranthene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Benzo(k)Fluoranthene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Benzo(a)Pyrene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Indeno(1,2,3-cd)Pyrene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Dibenzo(a,h)Anthracene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Benzo(ghi)Perylene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg

NYSDOH LAB ID NO. 11246 APPROVED BY: _____

(Terms and Conditions on Reverse Side)

CES Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Paragon Environmental Constr.
P. O. Box 11157
Syracuse, NY 13218-
Attn: Mr. Peter P. Paragon

PROJECT NAME: Seneca Army Depot/Soil Excav.
DATE: 04/25/2003

SAMPLE NUMBER- 315929 SAMPLE ID- North Wall - Middle Section SAMPLE MATRIX- SO
DATE SAMPLED- 03/25/03 TIME SAMPLED- 1130
DATE RECEIVED- 03/26/03 SAMPLER- Kevin R. Rowe RECEIVED BY- rlp
TIME RECEIVED- 1700 DELIVERED BY- Kevin R. Rowe TYPE SAMPLE- Composite

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Percent Solids	EPA 160.3			03/31/03		MM	90.	%
EPA 8021 Stars	EPA 8021	03/31/03	LRE	03/31/03		BLD		
Benzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 500	ug/Kg
Toluene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 500	ug/Kg
Ethylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 500	ug/Kg
m-Xylene & p-Xylene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 500	ug/Kg
o-Xylene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 500	ug/Kg
Isopropylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 1000	ug/Kg
n-Propylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 1000	ug/Kg
1,3,5-Trimethylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 1000	ug/Kg
tert-Butylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 1000	ug/Kg
1,2,4-Trimethylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 1000	ug/Kg
sec-Butylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 1000	ug/Kg
p-Isopropyltoluene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 1000	ug/Kg
n-Butylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 1000	ug/Kg
Naphthalene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 2500	ug/Kg
Methyl-t-Butyl Ether	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 2500	ug/Kg
EPA 8270 PAH's	EPA 8270C	03/27/03	MD	04/18/03		AO		
Naphthalene	EPA 8270C	03/27/03	MD	04/18/03		AO	< 1000	ug/Kg
Acenaphthylene	EPA 8270C	03/27/03	MD	04/18/03		AO	< 1000	ug/Kg
Acenaphthene	EPA 8270C	03/27/03	MD	04/18/03		AO	< 1000	ug/Kg

Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

CONTINUATION OF DATA FOR SAMPLE NUMBER 315929

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Fluorene	EPA 8270C	03/27/03	MD	04/18/03		AO	< 1000	ug/Kg
Phenanthrene	EPA 8270C	03/27/03	MD	04/18/03		AO	< 1000	ug/Kg
Anthracene	EPA 8270C	03/27/03	MD	04/18/03		AO	< 1000	ug/Kg
Fluoranthene	EPA 8270C	03/27/03	MD	04/18/03		AO	3300	ug/Kg
Pyrene	EPA 8270C	03/27/03	MD	04/18/03		AO	3350	ug/Kg
Benzo(a)Anthracene	EPA 8270C	03/27/03	MD	04/18/03		AO	2365	ug/Kg
Chrysene	EPA 8270C	03/27/03	MD	04/18/03		AO	2340	ug/Kg
Benzo(b)Fluoranthene	EPA 8270C	03/27/03	MD	04/18/03		AO	2470	ug/Kg
Benzo(k)Fluoranthene	EPA 8270C	03/27/03	MD	04/18/03		AO	2215	ug/Kg
Benzo(a)Pyrene	EPA 8270C	03/27/03	MD	04/18/03		AO	3350	ug/Kg
Indeno(1,2,3-cd)Pyrene	EPA 8270C	03/27/03	MD	04/18/03		AO	1750	ug/Kg
Dibenzo(a,h)Anthracene	EPA 8270C	03/27/03	MD	04/18/03		AO	< 1000	ug/Kg
Benzo(ghi)Perylene	EPA 8270C	03/27/03	MD	04/18/03		AO	1560	ug/Kg

NYSDOH LAB ID NO. 11246 APPROVED BY: _____

(Terms and Conditions on Reverse Side)

Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Paragon Environmental Constr.
P. O. Box 11157
Syracuse, NY 13218-
Attn: Mr. Peter P. Paragon

PROJECT NAME: Seneca Army Depot/Soil Excav.
DATE: 04/25/2003

SAMPLE NUMBER- 315930 SAMPLE ID- North Wall - East Half SAMPLE MATRIX- SO
DATE SAMPLED- 03/25/03 TIME SAMPLED- 1145
DATE RECEIVED- 03/26/03 SAMPLER- Kevin R. Rowe RECEIVED BY- rlp
TIME RECEIVED- 1700 DELIVERED BY- Kevin R. Rowe TYPE SAMPLE- Composite

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Percent Solids	EPA 160.3			03/31/03		MM	90.	%
EPA 8021 Stars	EPA 8021	03/31/03	LRE	03/31/03		BLD		
Benzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 14	ug/Kg
Toluene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
Ethylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
m-Xylene & p-Xylene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
o-Xylene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
Isopropylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
n-Propylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
1,3,5-Trimethylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
tert-Butylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
1,2,4-Trimethylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
sec-Butylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
p-Isopropyltoluene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
n-Butylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
Naphthalene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 200	ug/Kg
Methyl-t-Butyl Ether	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 120	ug/Kg
EPA 8270 PAH's	EPA 8270C	03/27/03	MD	04/09/03		AO		
Naphthalene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Acenaphthylene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Acenaphthene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg

Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

CONTINUATION OF DATA FOR SAMPLE NUMBER 315930

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Fluorene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Phenanthrene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Anthracene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Fluoranthene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Pyrene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Benzo(a)Anthracene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Chrysene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Benzo(b)Fluoranthene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Benzo(k)Fluoranthene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Benzo(a)Pyrene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Indeno(1,2,3-cd)Pyrene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Dibenzo(a,h)Anthracene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Benzo(ghi)Perylene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg

NYSDOH LAB ID NO. 11246 APPROVED BY: _____

(Terms and Conditions on Reverse Side)

Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Paragon Environmental Constr.
P. O. Box 11157
Syracuse, NY 13218-
Attn: Mr. Peter P. Paragon

PROJECT NAME: Seneca Army Depot/Soil Excav.
DATE: 04/25/2003

SAMPLE NUMBER- 315931 SAMPLE ID- East Wall
DATE SAMPLED- 03/25/03
DATE RECEIVED- 03/26/03 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 1700 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- SO
TIME SAMPLED- 1215
RECEIVED BY- rlp
TYPE SAMPLE- Composite

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Percent Solids	EPA 160.3			03/31/03		MM	90.	%
EPA 8021 Stars	EPA 8021	03/31/03	LRE	03/31/03		BLD		
Benzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 14	ug/Kg
Toluene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
Ethylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
m-Xylene & p-Xylene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
o-Xylene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
Isopropylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
n-Propylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
1,3,5-Trimethylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
tert-Butylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
1,2,4-Trimethylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
sec-Butylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
p-Isopropyltoluene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
n-Butylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
Naphthalene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 200	ug/Kg
Methyl-t-Butyl Ether	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 120	ug/Kg
EPA 8270 PAH's	EPA 8270C	03/27/03	MD	04/09/03		AO		
Naphthalene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Acenaphthylene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Acenaphthene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg

Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

CONTINUATION OF DATA FOR SAMPLE NUMBER 315931

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Fluorene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Phenanthrene	EPA 8270C	03/27/03	MD	04/09/03		AO	620	ug/Kg
Anthracene	EPA 8270C	03/27/03	MD	04/09/03		AO	205	ug/Kg
Fluoranthene	EPA 8270C	03/27/03	MD	04/09/03		AO	650	ug/Kg
Pyrene	EPA 8270C	03/27/03	MD	04/09/03		AO	515	ug/Kg
Benzo(a)Anthracene	EPA 8270C	03/27/03	MD	04/09/03		AO	265	ug/Kg
Chrysene	EPA 8270C	03/27/03	MD	04/09/03		AO	243	ug/Kg
Benzo(b)Fluoranthene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Benzo(k)Fluoranthene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Benzo(a)Pyrene	EPA 8270C	03/27/03	MD	04/09/03		AO	212	ug/Kg
Indeno(1,2,3-cd)Pyrene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Dibenzo(a,h)Anthracene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Benzo(ghi)Perylene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg

NYSDOH LAB ID NO. 11246 APPROVED BY: _____

(Terms and Conditions on Reverse Side)

Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Paragon Environmental Constr.
P. O. Box 11157
Syracuse, NY 13218-
Attn: Mr. Peter P. Paragon

PROJECT NAME: Seneca Army Depot/Soil Excav.
DATE: 04/25/2003

SAMPLE NUMBER- 315932 SAMPLE ID- South Wall
DATE SAMPLED- 03/25/03
DATE RECEIVED- 03/26/03 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 1700 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- SO
TIME SAMPLED- 1230
RECEIVED BY- rlp
TYPE SAMPLE- Composite

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Percent Solids	EPA 160.3			03/31/03		MM	84.	%
EPA 8021 Stars	EPA 8021	03/31/03	LRE	03/31/03		BLD		
Benzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 14	ug/Kg
Toluene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
Ethylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
m-Xylene & p-Xylene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
o-Xylene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
Isopropylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
n-Propylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
1,3,5-Trimethylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
tert-8utylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
1,2,4-Trimethylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
sec-Butylbenzene	EPA 8021	03/31/03	LRE	03/31/03		8LD	< 50	ug/Kg
p-Isopropyltoluene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
n-Butylbenzene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 50	ug/Kg
Naphthalene	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 200	ug/Kg
Methyl-t-8utyl Ether	EPA 8021	03/31/03	LRE	03/31/03		BLD	< 120	ug/Kg
EPA 8270 PAH's	EPA 8270C	03/27/03	MD	04/09/03		AO		
Naphthalene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Acenaphthylene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Acenaphthene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg

Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

CONTINUATION OF DATA FOR SAMPLE NUMBER 315932

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Fluorene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Phenanthrene	EPA 8270C	03/27/03	MD	04/09/03		AO	210	ug/Kg
Anthracene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Fluoranthene	EPA 8270C	03/27/03	MD	04/09/03		AO	510	ug/Kg
Pyrene	EPA 8270C	03/27/03	MD	04/09/03		AO	378	ug/Kg
Benzo(a)Anthracene	EPA 8270C	03/27/03	MD	04/09/03		AO	246	ug/Kg
Chrysene	EPA 8270C	03/27/03	MD	04/09/03		AO	260	ug/Kg
Benzo(b)Fluoranthene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Benzo(k)Fluoranthene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Benzo(a)Pyrene	EPA 8270C	03/27/03	MD	04/09/03		AO	272	ug/Kg
Indeno(1,2,3-cd)Pyrene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Dibenzo(a,h)Anthracene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg
Benzo(ghi)Perylene	EPA 8270C	03/27/03	MD	04/09/03		AO	< 200	ug/Kg

NYSDOH LAB ID NO. 11246 APPROVED BY: _____

(Terms and Conditions on Reverse Side)

Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Paragon Environmental Constr.
P. O. Box 11157
Syracuse, NY 13218-
Attn: Mr. Peter P. Paragon

PROJECT NAME: Seneca Army Depot/Soil Excav.
DATE: 04/25/2003

SAMPLE NUMBER- 315933 SAMPLE ID- West Wall SAMPLE MATRIX- SO
DATE SAMPLED- 03/25/03 TIME SAMPLED- 1300
DATE RECEIVED- 03/26/03 SAMPLER- Kevin R. Rowe RECEIVED BY- rlp
TIME RECEIVED- 1700 DELIVERED BY- Kevin R. Rowe TYPE SAMPLE- Composite

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Percent Solids	EPA 160.3			03/31/03		MM	86.	%
EPA 8021 Stars	EPA 8021	03/31/03	LRE	04/02/03		BLD		
Benzene	EPA 8021	03/31/03	LRE	04/02/03		BLD	< 14	ug/Kg
Toluene	EPA 8021	03/31/03	LRE	04/02/03		BLD	< 50	ug/Kg
Ethylbenzene	EPA 8021	03/31/03	LRE	04/02/03		BLD	< 50	ug/Kg
m-Xylene & p-Xylene	EPA 8021	03/31/03	LRE	04/02/03		BLD	< 50	ug/Kg
o-Xylene	EPA 8021	03/31/03	LRE	04/02/03		BLD	< 50	ug/Kg
Isopropylbenzene	EPA 8021	03/31/03	LRE	04/02/03		BLD	< 50	ug/Kg
n-Propylbenzene	EPA 8021	03/31/03	LRE	04/02/03		BLD	< 50	ug/Kg
1,3,5-Trimethylbenzene	EPA 8021	03/31/03	LRE	04/02/03		BLD	< 50	ug/Kg
tert-Butylbenzene	EPA 8021	03/31/03	LRE	04/02/03		BLD	< 50	ug/Kg
1,2,4-Trimethylbenzene	EPA 8021	03/31/03	LRE	04/02/03		BLD	< 50	ug/Kg
sec-Butylbenzene	EPA 8021	03/31/03	LRE	04/02/03		BLD	< 50	ug/Kg
p-Isopropyltoluene	EPA 8021	03/31/03	LRE	04/02/03		BLD	< 50	ug/Kg
n-Butylbenzene	EPA 8021	03/31/03	LRE	04/02/03		BLD	< 50	ug/Kg
Naphthalene	EPA 8021	03/31/03	LRE	04/02/03		BLD	< 200	ug/Kg
Methyl-t-Butyl Ether	EPA 8021	03/31/03	LRE	04/02/03		BLD	< 120	ug/Kg
EPA 8270 PAH's	EPA 8270C	03/27/03	MD	04/18/03		AO		
Naphthalene	EPA 8270C	03/27/03	MD	04/18/03		AO	< 400	ug/Kg
Acenaphthylene	EPA 8270C	03/27/03	MD	04/18/03		AO	1090	ug/Kg
Acenaphthene	EPA 8270C	03/27/03	MD	04/18/03		AO	< 400	ug/Kg

Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

CONTINUATION OF DATA FOR SAMPLE NUMBER 315933

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Fluorene	EPA 8270C	03/27/03	MD	04/18/03		AO	< 400	ug/Kg
Phenanthrene	EPA 8270C	03/27/03	MD	04/18/03		AO	4650	ug/Kg
Anthracene	EPA 8270C	03/27/03	MD	04/18/03		AO	2560	ug/Kg
Fluoranthene	EPA 8270C	03/27/03	MD	04/18/03		AO	10900	ug/Kg
Pyrene	EPA 8270C	03/27/03	MD	04/18/03		AO	9350	ug/Kg
Benzo(a)Anthracene	EPA 8270C	03/27/03	MD	04/18/03		AO	6650	ug/Kg
Chrysene	EPA 8270C	03/27/03	MD	04/18/03		AO	5850	ug/Kg
Benzo(b)Fluoranthene	EPA 8270C	03/27/03	MD	04/18/03		AO	6000	ug/Kg
Benzo(k)Fluoranthene	EPA 8270C	03/27/03	MD	04/18/03		AO	3860	ug/Kg
Benzo(a)Pyrene	EPA 8270C	03/27/03	MD	04/18/03		AO	6550	ug/Kg
Indeno(1,2,3-cd)Pyrene	EPA 8270C	03/27/03	MD	04/18/03		AO	3160	ug/Kg
Dibenzo(a,h)Anthracene	EPA 8270C	03/27/03	MD	04/18/03		AO	1640	ug/Kg
Benzo(ghi)Perylene	EPA 8270C	03/27/03	MD	04/18/03		AO	2850	ug/Kg

NYSDOH LAB ID NO. 11246 APPROVED BY:

Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Paragon Environmental Constr.
P. O. Box 11157
Syracuse, NY 13218-
Attn: Mr. Peter P. Paragon

PROJECT NAME: Seneca Army Depot/Soil Excav.
DATE: 04/25/2003

SAMPLE NUMBER- 315934 SAMPLE ID- Bottom - East Half SAMPLE MATRIX- SO
DATE SAMPLED- 03/25/03 TIME SAMPLED- 1330
DATE RECEIVED- 03/26/03 SAMPLER- Kevin R. Rowe RECEIVED BY- rlp
TIME RECEIVED- 1700 DELIVERED BY- Kevin R. Rowe TYPE SAMPLE- Composite

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Percent Solids	EPA 160.3			03/31/03		MM	91.	%
EPA 8021 Stars	EPA 8021	03/31/03	LRE	04/02/03		BLD		
Benzene	EPA 8021	03/31/03	LRE	04/02/03		BLD	< 14	ug/Kg
Toluene	EPA 8021	03/31/03	LRE	04/02/03		BLD	76	ug/Kg
Ethylbenzene	EPA 8021	03/31/03	LRE	04/02/03		BLD	< 50	ug/Kg
m-Xylene & p-Xylene	EPA 8021	03/31/03	LRE	04/02/03		BLD	116	ug/Kg
o-Xylene	EPA 8021	03/31/03	LRE	04/02/03		BLD	51	ug/Kg
Isopropylbenzene	EPA 8021	03/31/03	LRE	04/02/03		BLD	< 50	ug/Kg
n-Propylbenzene	EPA 8021	03/31/03	LRE	04/02/03		BLD	< 50	ug/Kg
1,3,5-Trimethylbenzene	EPA 8021	03/31/03	LRE	04/02/03		BLD	65	ug/Kg
tert-Butylbenzene	EPA 8021	03/31/03	LRE	04/02/03		BLD	< 50	ug/Kg
1,2,4-Trimethylbenzene	EPA 8021	03/31/03	LRE	04/02/03		BLD	80	ug/Kg
sec-Butylbenzene	EPA 8021	03/31/03	LRE	04/02/03		BLD	< 50	ug/Kg
p-Isopropyltoluene	EPA 8021	03/31/03	LRE	04/02/03		BLD	< 50	ug/Kg
n-Butylbenzene	EPA 8021	03/31/03	LRE	04/02/03		BLD	147	ug/Kg
Naphthalene	EPA 8021	03/31/03	LRE	04/02/03		BLD	< 200	ug/Kg
Methyl-t-Butyl Ether	EPA 8021	03/31/03	LRE	04/02/03		BLD	< 120	ug/Kg
EPA 8270 PAH's	EPA 8270C	03/27/03	MD	04/18/03		AO		
Naphthalene	EPA 8270C	03/27/03	MD	04/18/03		AO	< 400	ug/Kg
Acenaphthylene	EPA 8270C	03/27/03	MD	04/18/03		AO	1660	ug/Kg
Acenaphthene	EPA 8270C	03/27/03	MD	04/18/03		AO	< 400	ug/Kg

Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

CONTINUATION OF DATA FOR SAMPLE NUMBER 315934

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Fluorene	EPA 8270C	03/27/03	MD	04/18/03		AO	< 400	ug/Kg
Phenanthrene	EPA 8270C	03/27/03	MD	04/18/03		AO	3100	ug/Kg
Anthracene	EPA 8270C	03/27/03	MD	04/18/03		AO	2100	ug/Kg
Fluoranthene	EPA 8270C	03/27/03	MD	04/18/03		AO	12100	ug/Kg
Pyrene	EPA 8270C	03/27/03	MD	04/18/03		AO	10900	ug/Kg
Benzo(a)Anthracene	EPA 8270C	03/27/03	MD	04/18/03		AO	7650	ug/Kg
Chrysene	EPA 8270C	03/27/03	MD	04/18/03		AO	7050	ug/Kg
Benzo(b)Fluoranthene	EPA 8270C	03/27/03	MD	04/18/03		AO	8750	ug/Kg
Benzo(k)Fluoranthene	EPA 8270C	03/27/03	MD	04/18/03		AO	4330	ug/Kg
Benzo(a)Pyrene	EPA 8270C	03/27/03	MD	04/18/03		AO	4350	ug/Kg
Indeno(1,2,3-cd)Pyrene	EPA 8270C	03/27/03	MD	04/18/03		AO	4000	ug/Kg
Dibenzo(a,h)Anthracene	EPA 8270C	03/27/03	MD	04/18/03		AO	2100	ug/Kg
Benzo(ghi)Perylene	EPA 8270C	03/27/03	MD	04/18/03		AO	3470	ug/Kg

NYSDOH LAB ID NO. 11246 APPROVED BY: _____

CHAIN OF CUSTODY RECORD

CES

Certified Environmental Services, Inc.
1401 Erie Blvd. East
Syracuse, NY 13210

315-478-2374 Fax: 315-478-2107

BATCH NO: 56461

Page 1 of 1

Turn-Around Time:
- ☐ Standard
- ☐ 1 Week
- ☐ 72 Hours
- ☐ 48 Hours
- ☐ 24 Hours

NAME: Parsons Environmental Construction
SS: 620 Erie Blvd. W. Suite 213
Syracuse, N.Y. 13204
315-479-7305
315-494-7301

PROJECT NUMBER/NAME: Johnson Construction
Former Seneca Army Depot Bldg. 117
Contr. Soil Excavation

CT NAME: [illegible]

PURCHASE ORDER NO:

's Name: Kevin R. Rowe Signature: [signature]

USE ONLY Sample Numbers	Collected Date	Collected Time	TYPE Comp.	TYPE Grab	MATRIX Aqueous	MATRIX Soil	MATRIX Other	CLIENT ID/SAMPLE LOCATION	TOTAL NUMBER OF CONTAINERS	USEPA 8021 STARS/TAGM	USEPA 8270 STARS/TAGM
5928	3/26/03	1115	X			X		Northwall: West half	2	X	X
5929	↓	1130	X			X		Northwall: Middle Section	2	X	X
5930	↓	1145	X			X		Northwall: East half	2	X	X
5931	↓	1215	X			X		Eastwall	2	X	X
5932	↓	1230	X			X		Southwall	2	X	X
5933	↓	1300	X			X		Westwall	2	X	X
5934	↓	1330	X			X		Bottom (East half)	2	X	X

AL REMARKS:

TOTAL NUMBER OF CONT: 14

SAMPLES RELINQUISHED BY:		SAMPLES RECEIVED BY:		
TURE: Kevin R. Rowe	DATE: 3/26/03 TIME: 1700	NAME: [illegible] SIGNATURE: [signature]	DATE: 3/27/03 TIME: [illegible]	Samples Received in Good Con ☐ Yes ☐ No Temperature 6.0 °C
TURE:	DATE: TIME:	NAME: SIGNATURE:	DATE: TIME:	

White - CES's Copy • Canary - Return to Client With Report • Pink - Clients Initial Copy

Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Paragon Environmental Constr.
P. O. Box 11157
Syracuse, NY 13218-
Attn: Mr. Peter P. Paragon

PROJECT NAME: Seneca Army Depot,Bldg 117
DATE: 04/07/2003

SAMPLE NUMBER- 315943 SAMPLE ID- Staged Soil Pile
DATE SAMPLED- 03/25/03
DATE RECEIVED- 03/26/03 SAMPLER- Kevin R. Rowe
TIME RECEIVED- 1700 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- SO
TIME SAMPLED- 1415
RECEIVED BY- rlp
TYPE SAMPLE- Composite

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
TCLP Extraction	40CFR 1311			03/27/03		RS	Complete	
ZERO HEADSPACE EXTRACTION	40CFR 1311			04/03/03		RS	Complete	
FLASHPOINT	SW846 1010			03/31/03		NMA	> 176	Degrees F
Percent Solids	EPA 160.3			03/31/03		MM	91.	%
TCLP METALS	SW 846	03/28/03	KB	03/28/03		KB		
ARSENIC, TCLP (AS)	SW 846	03/28/03	KB	03/28/03		KB	< 0.50	mg/L
BARIUM, TCLP (BA)	SW 846	03/28/03	KB	03/28/03		KB	< 10.0	mg/L
CADMIUM, TCLP (CD)	SW 846	03/28/03	KB	03/28/03		KB	< 0.10	mg/L
CHROMIUM, TCLP (CR)	SW 846	03/28/03	KB	03/28/03		KB	< 0.50	mg/L
LEAD, TCLP (PB)	SW 846	03/28/03	KB	03/28/03		KB	< 0.50	mg/L
MERCURY, TCLP (HG)	SW 846	03/28/03	KB	03/28/03		KB	< 0.02	mg/L
SELENIUM, TCLP (SE)	SW 846	03/28/03	KB	03/28/03		KB	< 0.10	mg/L
SILVER, TCLP (AG)	SW 846	03/28/03	KB	03/28/03		KB	< 0.50	mg/L
TCLP VOLATILES	EPA 8240			04/04/03		LRE		
BENZENE, TCLP	EPA 8240			04/04/03		LRE	< 0.010	mg/L
CARBON TETRACHLORIDE, TCLP	EPA 8240			04/04/03		LRE	< 0.010	mg/L
CHLOROBENZENE, TCLP	EPA 8240			04/04/03		LRE	< 0.010	mg/L
CHLOROFORM, TCLP	EPA 8240			04/04/03		LRE	< 0.010	mg/L
1,2-DICHLOROETHANE, TCLP	EPA 8240			04/04/03		LRE	< 0.010	mg/L
1,1-DICHLOROETHENE, TCLP	EPA 8240			04/04/03		LRE	< 0.010	mg/L
METHYL ETHYL KETONE, TCLP	EPA 8240			04/04/03		LRE	< 0.050	mg/L

Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

CONTINUATION OF DATA FOR SAMPLE NUMBER 315943

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
TETRACHLOROETHENE, TCLP	EPA 8240			04/04/03		LRE	< 0.010	mg/L
TRICHLOROETHENE, TCLP	EPA 8240			04/04/03		LRE	< 0.010	mg/L
VINYL CHLORIDE, TCLP	EPA 8240			04/04/03		LRE	< 0.050	mg/L
1,4-DICHLOROBENZENE, TCLP	EPA 8240			04/04/03		LRE	< 0.010	mg/L
TCLP SEMI-VOLATILES	EPA 8270	03/27/03	MD	04/02/03		AO		
NITROBENZENE, TCLP	EPA 8270	03/27/03	MD	04/02/03		AO	< 0.10	mg/L
PYRIDINE, TCLP	EPA 8270	03/27/03	MD	04/02/03		AO	< 0.10	mg/L
CRESOLS(TOTAL), TCLP	EPA 8270	03/27/03	MD	04/02/03		AO	< 0.10	mg/L
2,4-DINITROTOLUENE, TCLP	EPA 8270	03/27/03	MD	04/02/03		AO	< 0.10	mg/L
HEXACHLOROBENZENE, TCLP	EPA 8270	03/27/03	MD	04/02/03		AO	< 0.10	mg/L
HEXACHLOROBUTADIENE, TCLP	EPA 8270	03/27/03	MD	04/02/03		AO	< 0.10	mg/L
HEXACHLOROETHANE, TCLP	EPA 8270	03/27/03	MD	04/02/03		AO	< 0.10	mg/L
PENTACHLOROPHENOL, TCLP	EPA 8270	03/27/03	MD	04/02/03		AO	< 0.10	mg/L
2,4,5-TRICHLOROPHENOL, TCLP	EPA 8270	03/27/03	MD	04/02/03		AO	< 0.10	mg/L
2,4,6-TRICHLOROPHENOL, TCLP	EPA 8270	03/27/03	MD	04/02/03		AO	< 0.10	mg/L

NYSDOH LAB ID NO. 11246 APPROVED BY:

CHAIN OF CUSTODY RECORD

CES
Certified Environmental Services, Inc.
1401 Erie Blvd. East
Syracuse, NY 13210
: 315-478-2374 Fax: 315-478-2107

BATCH NO: 56463

Turn-Around Time:
- ☒ Standard
- ☐ 1 Week
- ☐ 72 Hours
- ☐ 48 Hours
- ☐ 24 Hours

...IT NAME: [illegible] Environmental Consulting
...ESS: [illegible] Erie Blvd. W. Suite 213
[illegible] NY 13204
...E: [illegible]
[illegible]
...ACT NAME: [illegible]

PROJECT NUMBER/NAME: Johnson Construction
Seneca Army Depot Bldg. 117
Romulus NY

PURCHASE ORDER NO:

...er's Name: [illegible] Signature: [illegible]

...USE ONLY ...ample Numbers	Collected Date	Collected Time	TYPE Comp.	TYPE Grab	MATRIX Aqueous	MATRIX Soil	MATRIX Other	CLIENT ID/SAMPLE LOCATION	TOTAL NUMBER OF CONTAINERS	PARAMETERS FOR AN... TCLP [illegible]	Flashpoint [illegible]			
[illegible]5063	[illegible]	[illegible]	X			X		Stored Soil Pile	2	X	X			

...IAL REMARKS: For Landfill Analysis

4 TOTAL NUMBER OF CON...

SAMPLES RELINQUISHED BY:		SAMPLES RECEIVED BY:		Samples Received in Good Con...
...: [illegible] ...ATURE: [illegible]	DATE: [illegible] TIME: 1700	NAME: [illegible] SIGNATURE: [illegible]	DATE: TIME:	☐ Yes ☐ No Temperature 6.0 °C
...: ...ATURE:	DATE: TIME:	NAME: SIGNATURE:	DATE: TIME:	